

#8.

Deposited March 28<sup>th</sup> 1826

An Essay on Duachitis

by Jacob Lenty

of

Pennsylvania

1825-



Sept 22nd 1890

Went to the lake

and saw many

fish

and some

of the



## On Croup -

Trachitis or Croup is a disease, which writers define an inflammation of the larynx and trachea -

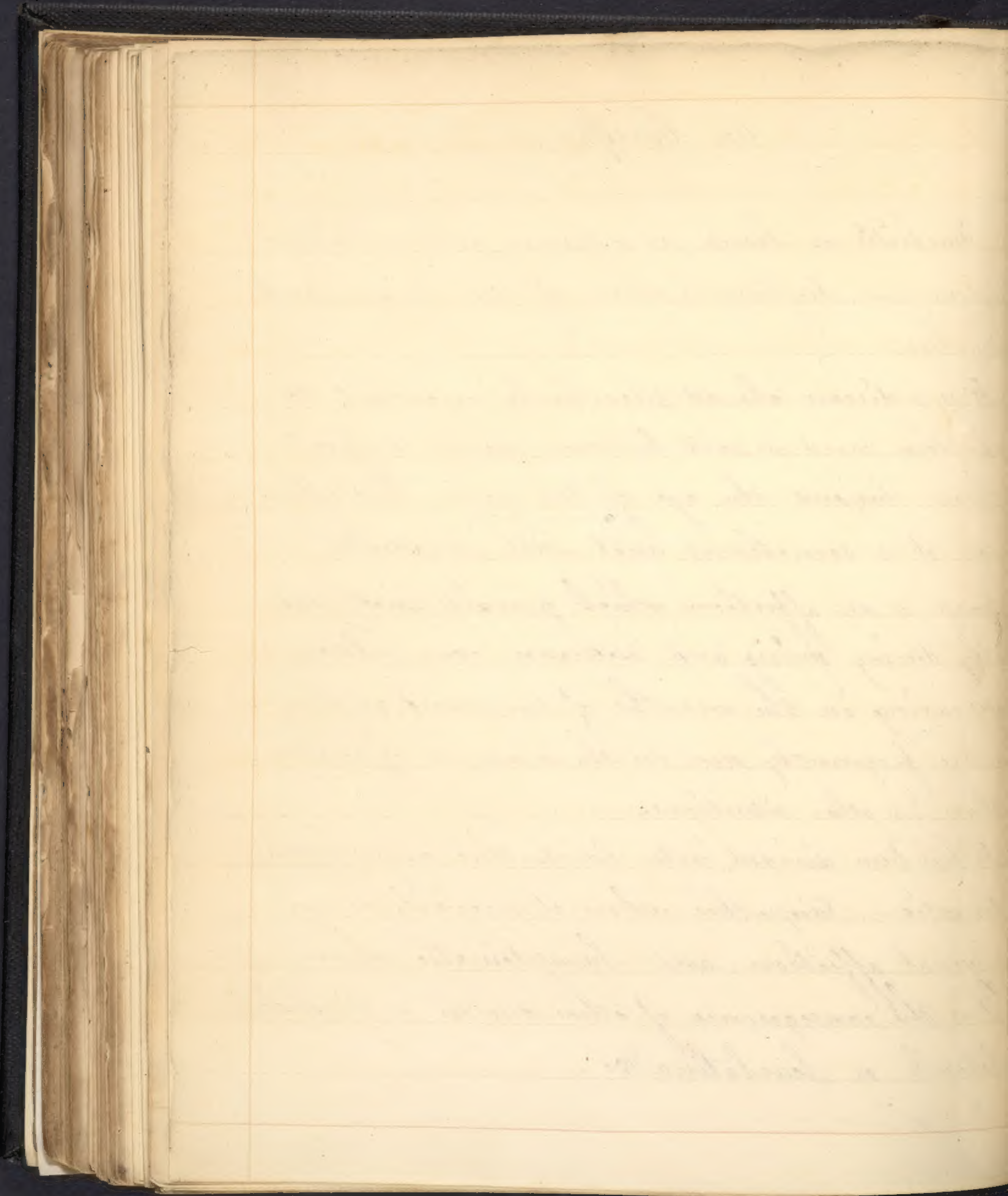
It is a disease almost peculiarly incident to children, and is said by some never to affect them beyond the age of ten years, but others say it is sometimes met with in adults.

Croup is an affection which prevails most generally during spring and autumn, very seldom appearing in the months of summer, and is more frequently seen on the margins of water than in other situations.

It has been divided into Idiopathic and Symptomatic - Idiopathic when it prevails as an original affection, and Symptomatic, where it is the consequence of other diseases, as Rubella, Latent, or Scarlatina &c.

Trachitis







That it is produced by those diseases occasionally we have the assurance of Dr Rush, Dr Hosack and many others -

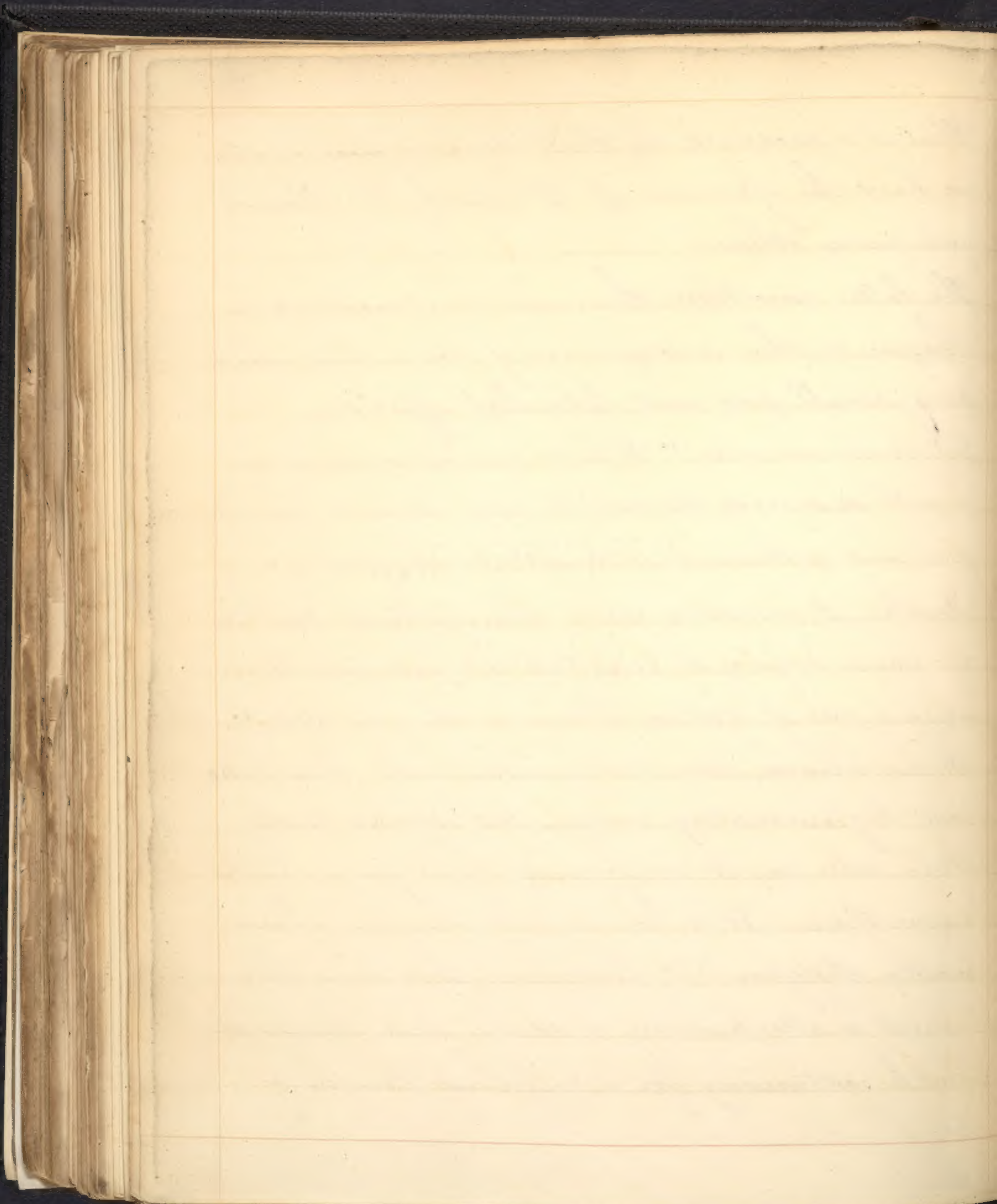
The latter mentions three cases, that occurred to them as the consequence of Scarlatina, Secondary small pox, and laryngeal affection -

Dr Rush remarks "I have seen it accompany as well as succeed the small pox, measles, scarlet fever, and apthous sore throat. In the late Dr Goulton, it succeeded acute rheumatism. The late Dr Sayre informed me, that he had seen it occur in a case of Yellow Fever in the year 1798".

It has likewise been distinguished into Spasmodic and Inflammatory croup, but objected to by some, who say it uniformly arises from Inflammation: It is however the opinion of our worthy Professor Dr Chopman, that when the patient is attacked very suddenly, it is Spasmodic, which continuing for a sufficient length of

~~time induces Inflammation~~







time, induces Inflammation: of the validity of this says the Professor, there is no doubt, as we have it instanced remarkably in Colic. This however continues the D<sup>r</sup> is a point of no practical importance, whether it is Spasmodic or Inflammatory, no remedy is of such great utility as Venesection, and none more pernicious, than Anti-spasmodics.

It is said to prevail epidemically and in support of it D<sup>r</sup> Caldwell expresses himself in the following terms "Although this disease, often, perhaps always, when in a sporadic form, arises from improper exposure, to cold or humidity, and is therefore connected with changes in the weather, it like other diseases does ~~also~~ at times prevail as an epidemic, without any apparent dependence on the sensible qualities of the air.

This appears to have been the case in the neighborhood of Alexandria in Virginia in the year



*[Faint, illegible handwriting on aged paper, likely bleed-through from the reverse side. The text is arranged in approximately 20 horizontal lines.]*

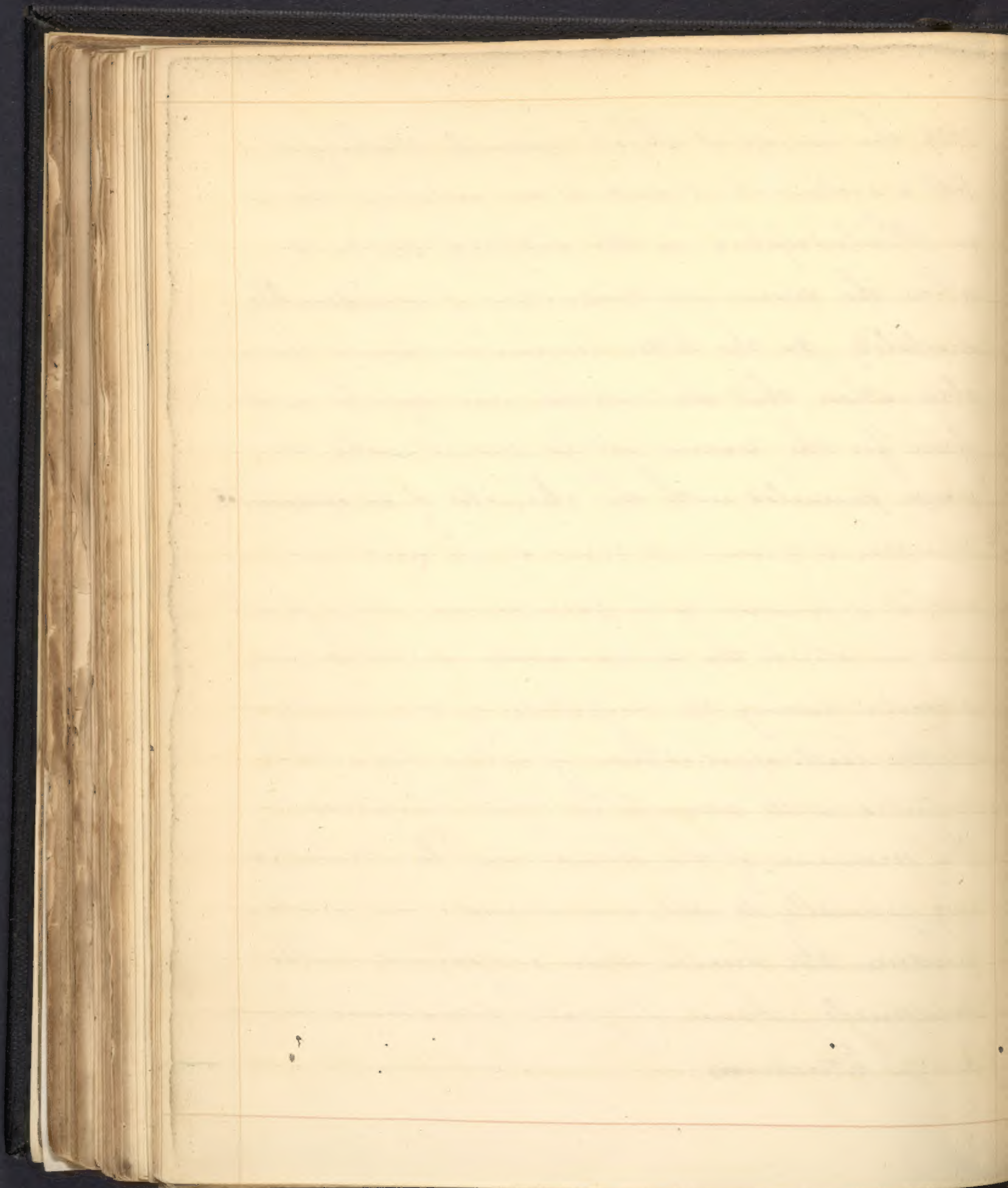


1799, the period at which General Washington fell a victim to it, and it was certainly the case in Philadelphia, in the winters of 1809-10 when the disease was productive of considerable mortality. On the latter occasion we know from observation, that the weather was regular and fine for the season, yet for several weeks, the croup prevailed with the character of an epidemic.

Whether it prevail at times as an epidemic or not, it is known to be peculiar in some families, in which the disease under consideration is excited during the vicissitudes of the weather by the least application of cold. I am acquainted with several in this situation.

The occurrence of the disease may be attributed very generally to cold, and it more frequently produces the disease, when conjoined with dampness. Hence its greater prevalence in damp situations.







Croup in its mode of attack is various, sometimes coming on suddenly and at night; the child awakes with a difficulty of breathing, a hoarse, husky voice, a hoarse cough, flushed face, considerable thirst and other excited symptoms. It is exceedingly uneasy, restless and nervous, and instinctively assumes the erect posture, throwing its head far backwards in order as it has been said to straighten the trachea. At other times the disease comes on more slowly, with a cough and voice more hoarse than common, assuming somewhat the appearance of common catarrh, the patient lingers in this way for three or four days and is then drawn inactive and feeble; the disease progressing, all these symptoms are aggravated, and finally terminates in a most distressing dyspnoea.

In the Diagnosis not much difficulty will









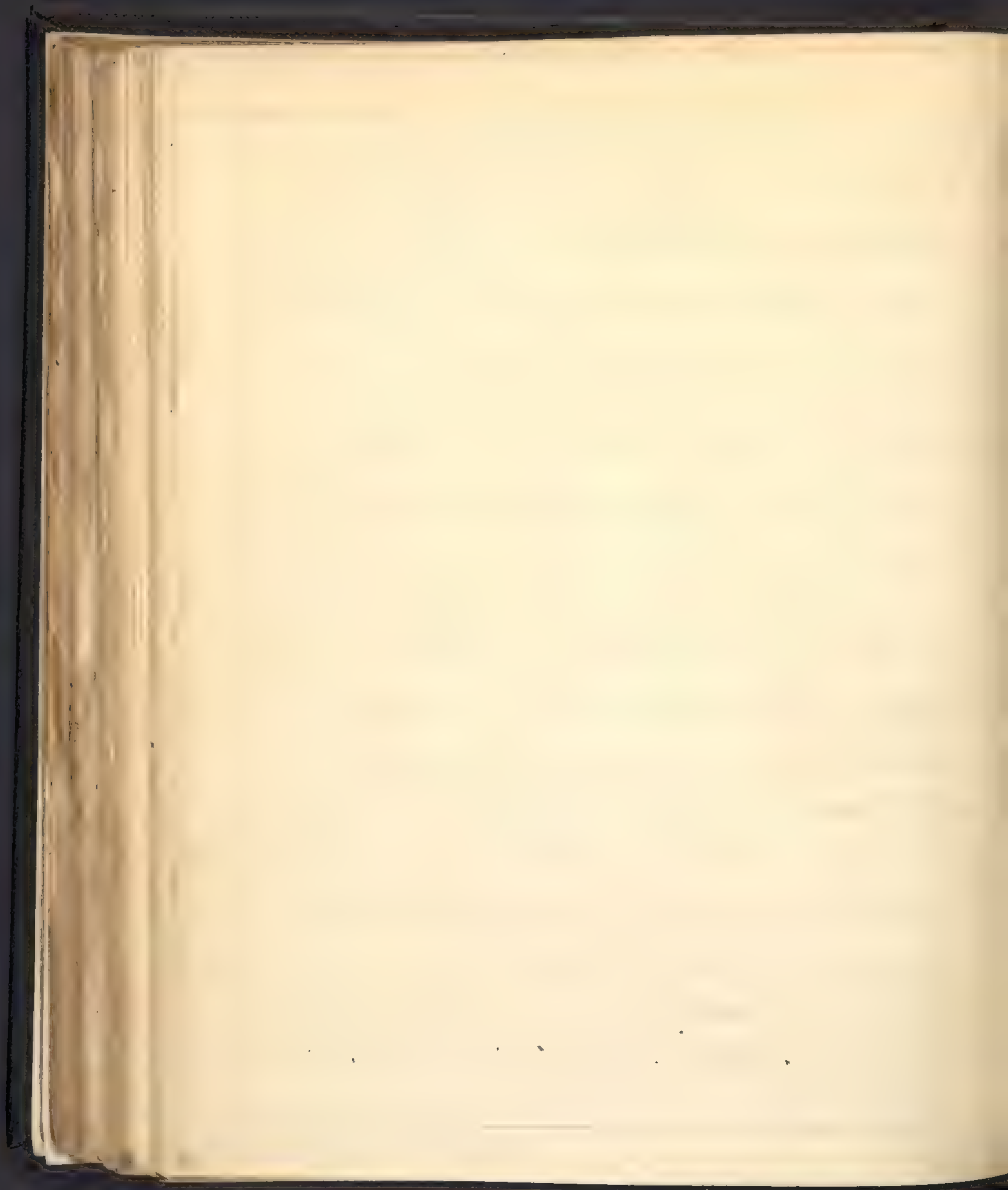






shoulders, with a thumping at the heart, it is  
said to be an <sup>early</sup> sign with fatal prognosis;  
On the contrary when the patient is easily excited  
to vomit, has a rapid pulse, a free expectora-  
tion and an equal distribution of temperature  
there is every reason to expect a recovery.  
Croup is generally considered by practitioners, a  
very formidable disease. Caldwell says more  
than one half of the cases that occur prove fatal.  
I am somewhat disposed to doubt this assertion,  
especially in regard to the cases that occur in  
the part of the country where the disease is  
comparatively common; it is my opinion  
that if proper remedial measures be resorted  
to, and before the disease has too far advanced  
it is as much under the control of medicine  
as any of the infantile diseases.  
Relative to the <sup>etiology</sup> ~~etiology~~, much has been discussed  
has existed, Cullen defines Croup to be an







*[Faint handwritten text, likely bleed-through from the reverse side.]*

[illegible]

On a other point, we have been told, that  
 several names, as upon the figure in the  
 the figure has its seat. The names of the  
 letters of the alphabet, the names of the  
 the eyes, and thus suppose the names of the  
 names to be the names of the letters of the  
 are made to be the names of the letters of the  
 the figure, that it can be seen. The names  
 the names of the letters of the figure, the  
 the names of the letters of the figure, the  
 the names of the letters of the figure, the







It seems that the same seat in the stomach  
of the acute catarrh, which <sup>is not</sup> the case in the  
of the disease in the intestine.

The two diseases are never combined together  
which would be the case if they were active in a  
practical point of view.

In the treatment by a purgative of this sort we must  
be guided by a knowledge of the nature of the disease  
in the adaptation of the Antispasmodic plan for  
the cure of this affection but differing considerably  
in the application of the various measures  
which constitute the system.

Dr. Jacobi in his treatment directs in the first  
place an emetic composed of it, and a later  
time with the grains of Ipecacuanha to be  
given every fifteen minutes until the effect  
be manifested gradually, and it produces a violent  
and protracted vomiting. He says  
"If the emetic has no other effect than

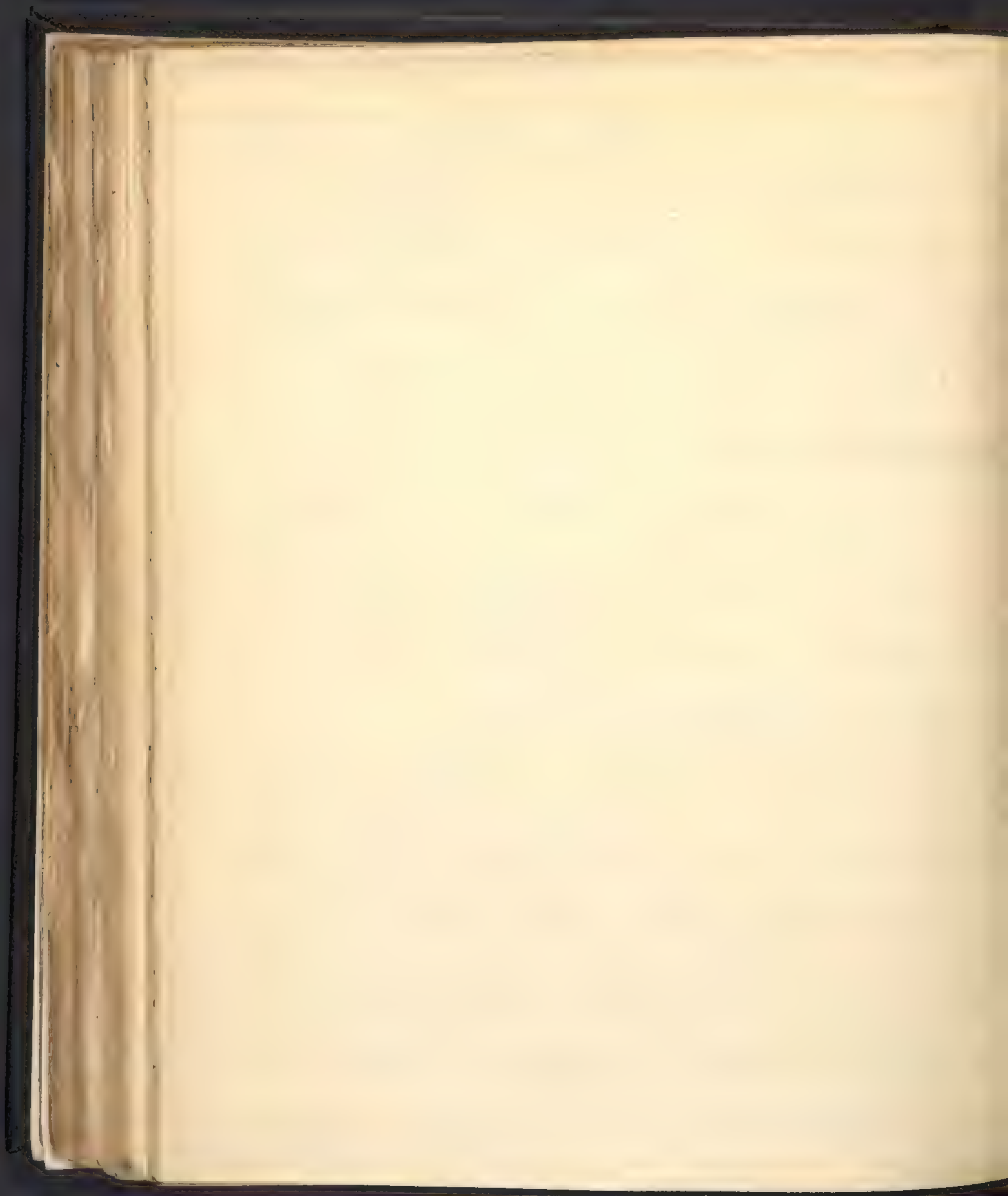






to produce an effect. I immediately direct the  
bowels to be moved by a common action, and  
a dose of calomel to be given from five to ten  
grains unless the child may be completely relaxed  
but at the same time, I direct the  
administration of some opiate to be continued  
~~until the bowels are moved~~ until the bowels are moved  
and a little rest given. As the disease is called  
upon, in that case it is necessary to give  
the most powerful remedies, these remedies are  
indicated by the nature of the disease, accord-  
ing to its nature and constitution.  
I have a few more remarks to make  
as the first thing is to do and I shall not  
recommend anything but what is necessary  
in order to remove it as early as possible.  
The words are "From the nature of the disease  
I direct it to be removed by the most appropriate  
remedy and the most proper exposure, but more







convinced me that it is a very serious condition  
in some cases delirium can be placed. There  
are however two facts which must necessarily  
be taken into consideration: the first is that  
it is usually at night, and the second is that  
it is not a disease, but a symptom of a disease.  
until the disease has ended, until the symptoms  
have become very severe and more especially until  
it has lasted for many hours, it only increases  
suffocation and hastens death; the other is that  
the blood ought to be taken at once from the  
veins.

Dr. Hamilton records wholly the use of venesection  
and depends solely upon calomel in its  
curative treatment. He says "In the case of this  
fatal affection, practitioners formerly resorted  
to bleedings with the use of vomits and blisters  
as auxiliaries; but the result of this practice, was  
in the more fatal cases, a very considerable







stock to the child's constitution, and in the  
supposed nature of the disease.  
These circumstances lead us to make  
trial of the practice of giving calomel, first sug-  
gested by some American Physicians.  
Accordingly it was resorted to, and in every case  
(among those now to name 14) in which it was  
used, it completely succeeded in curing the dis-  
ease, and in preserving any stock to the child's  
constitution, as admitted to before the occurrence  
of kindred of the fits, and other mortal symp-  
toms.

This with the warm bath and a proper regimen  
has proved satisfactory in the treatment, of Dr  
James McWilliam of Edinburgh who has  
communicated some so great satisfaction, is absolutely  
by no means to the performance of such  
remarkable cures in America.

That calomel occasionally may be very







early exhibition in some cases of a fluctuation  
of the disease, I believe, but that it will do it  
in all cases, when used & prepared to the occurrence  
of windings of the life and other morbid humors  
which seems to be indicated in evidence.  
In the former case of health we are more  
promised more than Emetics.

Judging from the experience that I have had  
with the disease, I am compelled to state, as my  
impression, that when he is not to, before the  
matters symptomatic have made their appearance,  
once, four cases out of six will not require the  
use of the latter.

Therefore vomiting is the first thing to be done;  
whether called in the commencement or advanced  
stage of the disease because they are not  
attributed to the former stage but are useful  
in every stage of the disease; though in no  
means do I wish to insinuate that it is a







remedy when it is to be used to place too  
great reliance, or not to resort to other means,  
if relief be not obtained: on the contrary  
I am well aware that in many cases  
more is required than emesis

Therefore should the complaint not yield to  
the proper exhibition of emetics, the lancet is  
loudly called for: blood must be promptly  
drawn from the arm, and the child placed  
in the warm bath to remain for fifteen minu-  
tes should circumstances justify.

Next Local blood in cuts or lacerations, if  
aid to the neck must be resorted to and a  
blister put around the neck. These failings  
we again resort to venesection and it is recom-  
mended to bleed and deluge in succession.

Many Practitioners object to so violent a system  
of these measures on the ground that the child  
dies when reduced to this degree of prostration.







to be a very great one. It is a very great one, but if the  
quantity of blood is not too great, it will be found to be true.  
I have seen it to be true in many cases.

"During the course of the disease, the blood and  
especially the blood, in relation to the solids are  
found to be in a state of disturbance, as is shown by a  
variety of circumstances.

The pulse of these vessels under children from  
early life to inflammatory affections. Hence  
all their diseases partake of this nature in some re-  
gree. It follows therefore they require of them to  
be used. My own experience confirmed by that  
of other practitioners has perfectly satisfied me  
that blood letting may be used with as much safety  
and advantage in the young as in the old. In the com-  
plaints of children than those of adults. If the  
child does not bear the loss of blood better at the time,  
then it undoubtedly recovers sooner from its effects.







In my view, a child of ordinary constitution, such as is com-  
mon out of the ice, is not adapted to the country. That owing to  
an extreme degree of constitution they cannot bear  
any vigorous impressions. As a natural consequence  
of this disposition the mind, practice in their country  
with a moderate degree of exertion at that point which  
has been frequently described as occupying a strict neutral  
position between the patient and the disease neither declining  
in the one nor the other. By a slender and  
partial impression, the mind is drawn into a narrow  
and confined range of ideas to be true.

Children, I have remarked upon, are uncommonly  
vigorous of life and strength of constitution. They  
often survive under circumstances, which would  
not be expected. They have been found living at  
the breasts of their mothers, who had perished by  
cold. They resist contagion better than adults, and when  
attacked, more certainly recover from most of  
the contagious disease, but from all others.















A glyster occasionally will be of service in this  
case to keep the bowels open.

More than must be given to diet, which must  
be low consisting of gruel and milk or barley  
water, farmed in sweet water &c.

During the continuance of the disease a strict ad-  
herence to antiphlogistic principles must be ob-  
served, and after the patient has been debilitated as  
much as is consistent with its strength, by the use  
of above enumerated namely by emetics  
Bleedings both general and local, purgatives and  
laxatives, if these remain necessary, give them in  
the first and by degrees, as the patient is able to  
bear them. In the second and for this book  
as the disease is much recommended,  
"Dr. Fisher of Maryland has considered an impor-  
tant service to medicine by introducing into  
general use the *Salix Sericea* as a remedy in  
cancer. Although it has certainly disappointed, the







in the first presentation, because it has  
been presented in various ways in every stage  
of the disease, whereas in the same manner that it is  
so described in the first of the lungs and  
trachea, the first presentation of the disease is the  
same, though in the first stage of the disease, it is certain  
by a rapid presentation, when these means are  
indicated, as in the case, both in the first  
stage, and in the stage of the disease.

It is given in decoction half an ounce to half a  
pint of water reduced to four ounces by boiling,  
and given in small doses and as often  
as the progress of the case may demand it.  
It is not so immediately useful as which is not  
so not give every to the remedies which are  
used, there is reason to believe that there is an  
excess of the disease. The first, and the  
an indication of capillary length in the vessels.  
This being the case, symptoms make their appearance





which render the Diagnosis between this affection  
and other morbid states, very difficult.

Difficulties of diagnosis, however, as the face presents  
more of the general features which we have the  
opportunity to have to consider.

What is to be done? Guided by the opinion of Dr  
Simpson, which states that there is little or  
no pain, we should in the same state as that  
we make our own to be correct. Though symptoms  
are very common little at a time and showing the  
great. Much is derived from the use of remedies  
in this stage - the tension the secretion and cause  
is excitation, and the symptoms of the disease  
are to be well represented.

"In a case of disease which is not yet  
in practice of Dr. Simpson's subjects upon the  
afternoon of the 11th day of the disease the patient  
is still in the state of excitation and is  
in a state, even more the more so.



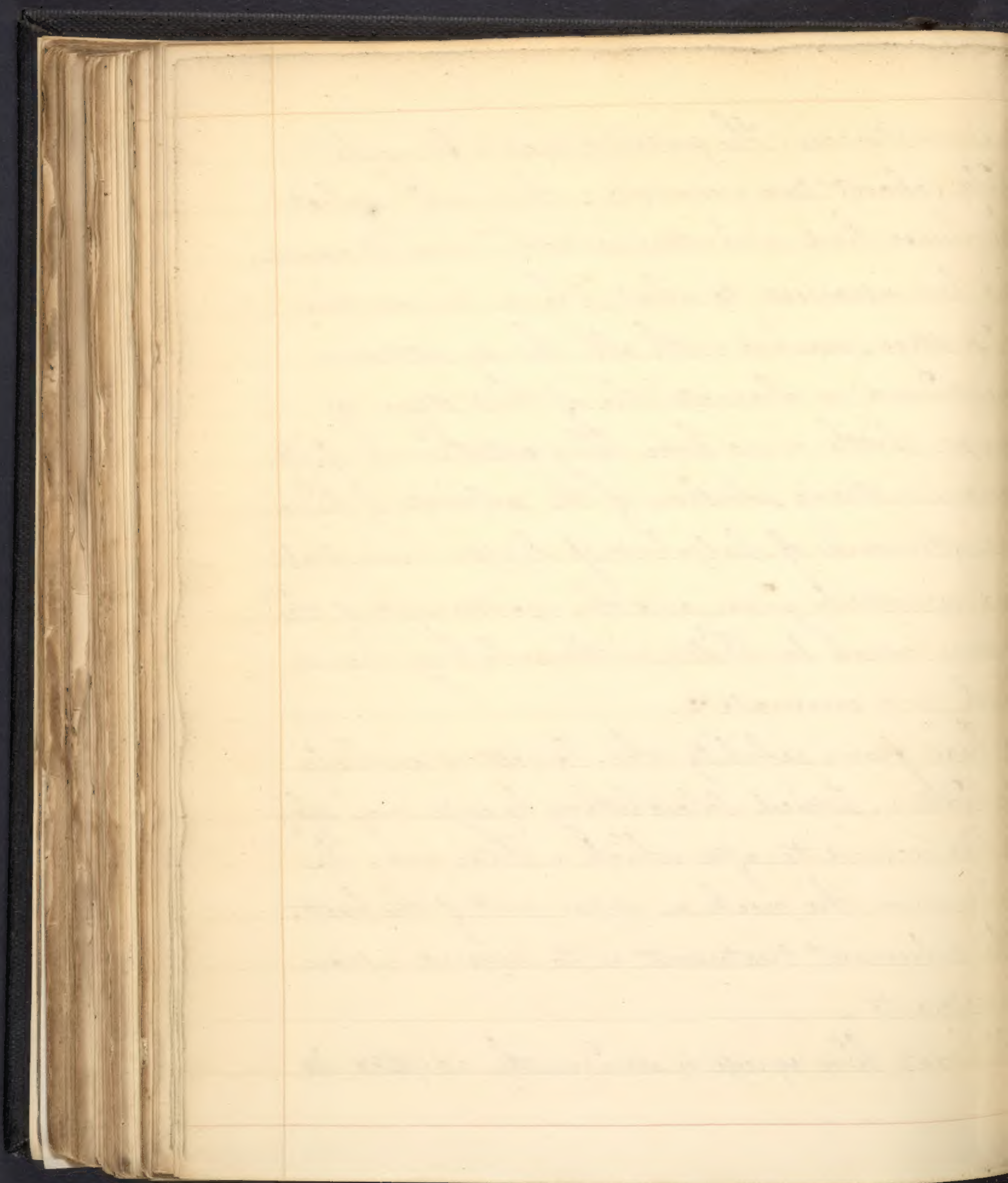


circumstances. The patient was a female child, about two years old: through neglect the disease had uninterruptedly run its course, and had advanced to what I have termed the third stage, marked with all the symptoms mentioned as characteristic of that stage of croup. Little or no hope being entertained of its recovery, a strong solution of the sulphate of Lime and afterwards of Sulphate of Copper, were freely and repeatedly given, and the excitement of the system roused by blisters, a stimulating warm bath, and enemata.

Where from debility the lancet is entirely forbidden, Topical Bloodletting by cups may safely be had recourse to, after which a blister may be laid upon the neck or upper part of the breast; The subsequent treatment is to depend upon expectorants.

Dr Cox's hive syrup is eminently adapted to,







this stage of the disease -

Squill alone or in combination, with calomel, (the latter article of which in small doses is an excellent expectorant) may likewise be used with great advantage -

The juice of onions or garlic may be given even to excite vomiting -

All failing as a dernier resort the operation of Bronchotomy is recommended, whether with advantage or not, I leave to the consideration of those who are more experienced.

Pennsylvania November.

1825

Jacob Lentz.



Handwritten text in a cursive script, likely from a 17th or 18th-century manuscript. The text is written in a single column and is mostly illegible due to fading and the angle of the page. It appears to be a letter or a formal document, possibly containing names and dates. The script is elegant and characteristic of the period.